

Federal-Aid
Design-Build Projects

ENVIRONMENTAL ISSUE	Responsible Party
STATE ENVIRONMENTAL REVIEW PROCESS (SERP)	
Administrative processing of SERP	VDOT
Implement SERP commitments (conducting surveys, agency coordination, etc.)	Design-Builder
NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)	
Determination of Document type	VDOT
NEPA document preparation	VDOT
Implementation of NEPA commitments	Design-Builder
Re-evaluation of NEPA document if necessary	VDOT
CULTURAL RESOURCES	
Identification of Historic Properties (archaeological/architectural surveys)	VDOT
Coordinate Effect determination with VDHR	VDOT
Prepare/Coordinate Memorandum of Agreement with VDHR (if necessary)	N/A
Implement MOA commitments	N/A
Design Changes -reassess Effect Determination & implement commitments	VDOT
Late Discoveries during Construction	VDOT
NOISE	
Determination if Noise analysis necessary	VDOT
Environmental Traffic	VDOT
Preparation of Noise analysis & Preliminary Noise Abatement Report	VDOT
AIR QUALITY	
Determine if project is regionally significant	VDOT
If regionally significant, model project for conformity	VDOT
Determination if Project Level Study necessary	VDOT
Preparation of Project Level Air Analysis	VDOT
Fugitive Dust and Emissions Control	Design-Builder
Open Burning Restrictions	Design-Builder
HAZARDOUS MATERIALS	
Hazmat Assessment	VDOT
Hazmat Mitigation/Remediation	Design-Builder
ENVIRONMENTAL CERTIFICATION	
EQ-201/202 (at R/W authorization if federal R/W funds used)	VDOT
EQ-103 (at PS&E authorization)	VDOT
EQ-200 (at PS&E authorization)	VDOT
Commitments in EQ200	Design-Builder
Commitments in EQ 202	Design-Builder
Commitment in EQ 103	Design-Builder
Re-evaluation of EQ 200 and completion	VDOT
Re-evaluation of EQ 202 and completion	VDOT
Re-evaluation of EQ 103 and completion	VDOT
NATURAL RESOURCES (Preliminary Engineering)	
Project Design	Design-Builder
Roadway Drainage evaluations (bridges,culverts, pipe crossings, and channel modifications)	Design-Builder

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Stormwater Management Design	Design-BUILDER
Erosion and Sediment Control Design (layered or phased plans)	Design-BUILDER
Compensatory mitigation design	Design-BUILDER
Incorporate measures such as avoid and reduce size, scope, configuration, or density of proposed project, that would avoid or result in less adverse impact to waters, wetlands, and T&E species.	Design-BUILDER
Identifying, evaluating and documenting avoidance and minimization measures implemented during the project design	Design-BUILDER (VDOT oversight)
DCR Plan Reviewer Certification	Design-BUILDER
VDOT Location and Design Instructional and Informational Memoranda	Applicable to Design-BUILDER
VDOT Erosion and Sediment Control DCR annual specifications approval	Applicable to Design-BUILDER
VDOT Stormwater Management DCR annual specifications approval	Applicable to Design-BUILDER
NATURAL RESOURCES CLEARANCES AND WATER QUALITY PERMIT ACQUISITION	
Permit acquisition	Design-BUILDER
Permittee	VDOT Project Manager
Permit Agent	VDOT Environmental Manager
Permit Coordinator	Design-BUILDER
Permit Determinations	Design-BUILDER
Permit Acquisition Process	Interagency Coordination Meeting Process
IACM Presentation	Design-BUILDER
Permit Application	Design-BUILDER
Permit Sketches	Design-BUILDER
Wetland delineations/stream classification	Design-BUILDER
Performing water quality evaluations	Design-BUILDER
Assess and quantify any physical alteration to surface waters - both permanent and temporary impacts associated with the project	Design-BUILDER
Permit fees	Design-BUILDER
Public Involvement necessary for permit acquisition	Design-BUILDER
Water quality technical reports/worksheets	Design-BUILDER
Hydrologic and hydraulic evaluations for permit acquisition	VDOT
Designate the proposed stream segment restoration locations, channel relocation, aquatic habitat enhancement, or wetland creation, restoration, preservation, enhancement banking or in lieu fee fund contribution	Design-BUILDER
Compensatory mitigation proposals coordination	Design-BUILDER
Conduct studies dealing with endangered and threatened species, wetlands, streams, and other aquatic topics	Design-BUILDER
Supplementation surveying, property data and mapping for project area and compensatory mitigation	Design-BUILDER
Address agencies comments and concerns	Design-BUILDER
Permit Issuance	VDOT IACM Process
Threatened and Endangered Species clearances	Design-BUILDER
Erosion and Sedimentation Control Plans approval	VDOT
Compensatory mitigation proposals QA/QC reviews	VDOT
Virginia General Permit 1	Applicable to Design-BUILDER
Letter of Permission 1 (LOP-1)	Applicable to Design-BUILDER
Department of Environmental Quality Memorandum of Agreement	Applicable to Design-BUILDER
Federal Emergency Management Agency Memorandum of Agreement	Applicable to Design-BUILDER
Trout Memorandum of Agreement	Applicable to Design-BUILDER

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NATURAL RESOURCES AND WATER QUALITY PERMITS (Construction)	
Project Construction	Design-Builder
Project Inspection Services	VDOT & Design-Builder
Provide regulatory complaint construction management	Design-Builder
Document erosion and sediment control performance measures implemented during construction	Design-Builder
Monitor projects impacts on streams, wetlands, and other special aquatic sites by performing water quality evaluations and reporting during construction	Design-Builder
Borrow pits and Disposal areas	Design-Builder w/ VDOT signature review and approval
Implement during construction the Erosion and Sediment Control Plans (layered or phased plans)	Design-Builder
Implement permit conditions	Design-Builder
Develop and implement an Environmental Monitoring Plan	Design-Builder
Implement specialized conditions with endangered and threatened species, wetlands, streams, and other aquatic topics	Design-Builder
Provide specialized field support for permit compliance, water quality monitoring and erosion and sediment control and storm water management inspections/maintenance during construction	Design-Builder
Perform compliance monitoring	Design-Builder & VDOT Project Manager
Ensure compliance with permit conditions	Design-Builder & VDOT Project Manager
Environmental Quality Assurance Compliance Monitoring	VDOT
DCR Inspector Certification	Design-Builder & VDOT
ESCCC	Design-Builder
Responsible Land Disturber Certification	N/A
Regulatory Agency Coordination, communication during construction	VDOT
NATURAL RESOURCES AND WATER QUALITY PERMITS (Post-Construction)	
Erosion and Sediment Control temporary items removal	Design-Builder
Storm water management inspections/maintenance	VDOT
Compensatory mitigation post-construction monitoring	VDOT